

What is claimed is:

1. A method of transmitting data from a source to a destination, comprising:

receiving the data from the source; and

providing the data to the destination using a network, wherein the data is

5 acknowledged to the source as being successfully received at the destination prior to all  
of the data being provided to the network.

2. A method, according to claim 1, wherein the source is a primary storage device.

3. A method, according to claim 1, wherein the destination is a secondary storage device.

4. A method, according to claim 1, wherein the data is provided from the source in a first  
10 format and is provided to the network in a second format that is different from the first  
format.

5. A method, according to claim 4, wherein the first format is RDF format.

6. A method, according to claim 5, wherein the second format is TCP/IP.

7. A method, according to claim 5, wherein the second format is UDP.

15 8. A method, according to claim 1, further comprising:

the destination receiving the data in a first format different from a second format  
used to transmit the data over the network.

9. A method, according to claim 8, wherein the first format is RDF.

10. A method, according to claim 9, wherein the second format is TCP/IP.

11. A method, according to claim 9, wherein the second format is UDP.

12. A device that transmits data from a source to a destination, comprising:

5 means for receiving the data from the source; and

means for providing the data to the destination using a network, wherein the data is acknowledged to the source as being successfully received at the destination prior to all of the data being provided to the network.

13. A device, according to claim 12, wherein the source is a primary storage device.

10 14. A device, according to claim 12, wherein the destination is a secondary storage device.

15. A device, according to claim 12, wherein the data is provided from the source in a first format and is provided to the network in a second format that is different from the first format.

15 16. A device, according to claim 15, wherein the first format is RDF format.

17. A device, according to claim 16, wherein the second format is TCP/IP.

18. A device, according to claim 16, wherein the second format is UDP.

19. A device, according to claim 12, further comprising:

means for the destination receiving the data is a first format different from a second format used to transmit the data over the network.

5 20. A device, according to claim 19, wherein the first format is RDF.

21. A device, according to claim 20, wherein the second format is TCP/IP.

22. A device, according to claim 20, wherein the second format is UDP.

23. A computer program product that transmits data from a source to a destination, comprising:

10       executable code that receives the data from the source; and  
      executable code that provides the data to the destination using a network, wherein the data is acknowledged to the source as being successfully received at the destination prior to all of the data being provided to the network.

15 24. A computer program product, according to claim 23, wherein the source is a primary storage device.

25. A computer program product, according to claim 23, wherein the destination is a secondary storage device.

26. A computer program product, according to claim 23, wherein the data is provided to from the source in a first format and is provided to the network in a second format that is different from the first format.

27. A computer program product, according to claim 26, wherein the first format is RDF  
5 format.

28. A computer program product, according to claim 27, wherein the second format is TCP/IP.

29. A computer program product, according to claim 27, wherein the second format is UDP.

30. A method of transferring data from a first storage device to a second storage device,  
10 comprising:

synchronously transferring the data from the first storage device to a first buffer device;

asynchronously transferring the data from the first buffer device to a second  
15 buffer device; and

synchronously transferring the data from the second buffer device to the second storage device, wherein the first buffer device acknowledges successful transfer of the data to the first storage device prior to the first buffer device completing transfer of the data to the second buffer device.



[illegible]

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first buffer device;

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42. The device of Claim 41, further comprising:

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44. The device of Claim 42, wherein the data is provided from the first storage device in a first format and is provided to the network in a second format that is different from the first format.

45. The device of Claim 44, wherein the first format is RDF format.

46. The device of Claim 45, wherein the second format is TCP/IP.

47. The device of Claim 45, wherein the second format is UDP.

48. The device of Claim 42, wherein the second storage device receives the data in a first format different from a second format used to transmit the data over the network.

49. The device of Claim 48, wherein the first format is RDF.

50. The device of Claim 49, wherein the second format is TCP/IP.

51. The device of Claim 49, wherein the second format is UDP.





